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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/694,568	10/27/2003	Stephen Michael Hartley	858-011568-US(PAR)	3544
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SALOMON, PHENUEL S				
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/694,568

Applicant(s)

HARTLEY, STEPHEN MICHAEL

Examiner

PHENUEL S. SALOMON

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 November 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4-7,9-16,18-24,26-30,32-38,40-43,45-47,49-58,61 and 62 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4-7,9-16,18-24,26-30,32-38,40-43,45-47,49-58,61 and 62 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-646)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is in response to the rce filed on November 06, 2009. Claims 1, 10, 12, 15, 29, and 43 are amended; Claims 3, 8, 17, 25, 31, 39, 44, 48, 59, 60, and 63 are cancelled, and claims 1, 2, 4-7, 9-16, 18-24, 26-30, 32-38, 40-43, 45-47, 49-58, 61, and 62 are pending.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10/21/2009 has been entered.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1, 2, 4-7, 9-16, 18-24, 26-30, 32-38, 40-43, 45-47, 49-58, 61, and 62 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bahrs (US 7,181,686 B1) in view of Hatanaka (US 5,926,177).

Claim 1: Bahrs discloses a method for routing views in a computer graphical user interface, comprising:

determining a view chain data structure comprising at least three entries, each of said entries comprising an application identifier and a view identifier, a view identified by said view identifier being within an application identified by said application identifier (*managing services in a desktop environment*) (col. 3, lines 15-17 and col. 16, lines 43-48);

passing said view chain data structure to a view router (*transporter 524*) from a first application (col. 3, lines 24-26, col. 16, lines 60-67 and col. 17, lines 1-5);

detecting a first entry in said view chain data structure by said view router (col. 3, lines 20-22, col. 16, lines 60-67 and col. 17, lines 1-5);

determining a first target application identifier in said first entry by said view router (col. 3, lines 22-24, col. 16, lines 60-67 and col. 17, lines 1-5);

launching a first view in said first target application by calling a method associated with said first target application, said launching comprising a presentation of a first user interface form in said computer graphical user interface by said first target application (col. 4, lines 22-30);

receiving data to the first view from a user during said launching of the first view (col. 4, lines 22-24);

continuing said view router by calling a listener method associated with said view router by said first target application (col. 3, lines 26-29).

Bahrs does not explicitly disclose:

checking whether entries for views not launched remain in said view chain data structure, each said entry for a view not launched specifying a view identifier for a view not yet launched. However, Hatanaka discloses the object also provides the interface and implementation for recording and supplying information about the real-world invocation that the object represents. This information includes, for instance, the state of the invocation (eg. Not started, starting, running, stopping, stopped, error or other internal states used in managing the invocation), the time it was started, any secondary invocations related to this object (eg. a data link from one host to another will have a primary invocation on one host and a secondary invocation on another)...(col. 5, lines 1-15). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include Hatanaka features in Bahrs. One would have been motivated to do so in order to quickly switching between views with no discrepancy between the data shown in the views (col. 4, lines 58-59).

Bahrs further discloses

detecting a second entry in said view chain data structure by said view router (col. 3, lines 20-22, col. 16, lines 60-67 and col. 17, lines 1-5) [in a desktop environment, this can also apply for a second entry];

determining a second target application identifier in said second entry by said view router (col. 3, lines 22-24, col. 16, lines 60-67 and col. 17, lines 1-5) [in a desktop environment, this can also apply for a second entry];

launching a second view in said second target application by calling a method associated with said second target application by said view router when entries for views not launched remain in said view chain, said launching comprising a presentation of a second user interface

form in said computer graphical user interface by said second target application (col. 4, lines 22-30) [in a desktop environment, this can also apply for a second entry];

receiving data to the second view from the user during said launching of the second view (col. 4, lines 22-24) [in a desktop environment, this can also apply for a second entry];

continuing said view router by calling a listener method associated with said view router by said second target application (col. 3, lines 26-29) [in a desktop environment, this can also apply for a second entry];

continuing said first application automatically when no entries for views not launched remain in said view chain data structure by calling a listener method associated with said first application by said view router (col. 16, lines 22-35).

Claim 2. Bahrs and Hatanaka disclose the method according to claim 1, Bahrs further discloses the method further comprising:

gathering data from said first view and said second view (col. 4, lines 22-24); and passing said data from said view router to said first application or to a subsequent application identified in said view chain data structure (col. 4, lines 20-30).

Claim 4. Bahrs and Hatanaka disclose the method according to claim 2, Bahrs further discloses wherein said gathered data is organized into a journal list comprising an entry for each view in said view chain data structure (col. 19, lines 1-8).

Claim 5. Bahrs and Hatanaka disclose the method according to claim 2, Bahrs further discloses wherein said gathered data is organized into a list of type and value pairs (col. 48, lines 37-45).

Claim 6. Bahrs and Hatanaka disclose the method according to claim 5, Bahrs further discloses wherein said data type and value pair are defined in a markup language format (col. 48, line 37-45).

Claim 7. Bahrs and Hatanaka disclose the method according to claim 2, Bahrs further discloses wherein said view router provides a generic interface with generic methods and acts as an adapter for returning data from said first view to said first application or a subsequent application identified in said view chain data structure (col. 17, lines 1-6).

Claim 9. Bahrs and Hatanaka disclose the method according to claim 1, Bahrs further discloses wherein said view comprises user interface elements(fig. 5).

Claim 10. Bahrs and Hatanaka disclose the method according to claim 1, Bahrs further discloses wherein said view is a window opened during said launching step (fig. 5).

Claim 12. Bahrs and Hatanaka disclose the method according to claim 1, Bahrs further discloses wherein at least part of said view chain data structure is specified in a memory of an electronic device (fig. 2, item 232).

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Claim 13. Bahrs and Hatanaka disclose the method according to claim 12, Bahrs further discloses wherein said view chain data structure is updated based on user actions (col. 4, lines 1-6).

Claim 14. Bahrs and Hatanaka disclose the method according to claim 1, Bahrs further discloses wherein said view chain data structure is determined based on user actions (col. 3, lines 42-49).

Claims 15, 29 and 43 represent the system, the apparatus and the computer readable storage of the method claim 1 respectively and are rejected along the same rationale.

Claims 16, 30 and 47 represent the system, the apparatus and the computer readable storage of the method claim 2 respectively and are rejected along the same rationale.

Claims 18, 32 and 49 represent the system, the apparatus and the computer readable storage of method claim 4 respectively and are rejected along the same rationale.

Claims 19, 33 and 50 represent the system, the apparatus and the computer readable storage of method claim 5 respectively and are rejected along the same rationale.

Claims 20, 34 and 51 represent the system, the apparatus and the computer readable storage of method claim 6 respectively and are rejected along the same rationale.

Claims 21, 35 and 52 represent the system, the apparatus and the computer readable storage of method claim 7 respectively and are rejected along the same rationale.

Claims 22, 36 and 53 represent the system, the apparatus and the computer readable storage of method claim 8 respectively and are rejected along the same rationale.

Claims 23, 37, and 54 represent the system, the apparatus and the computer readable storage of method claim 9 respectively and are rejected along the same rationale.

Claims 24, 38 and 55 represent the system, the apparatus and the computer readable storage of method claim 10 respectively and are rejected along the same rationale.

Claims 26, 40 and 56 represent the system, the apparatus and the computer readable storage of method claim 12 respectively and are rejected along the same rationale.

Claims 27, 41 and 57 represent the system, the apparatus and the computer readable storage of method claim 13 respectively and are rejected along the same rationale.

Claim 28, 42 and 58 represent the system, the apparatus and the computer readable storage of method claim 14 respectively and are rejected along the same rationale.

Claim 45. Bahrs and Hatanaka disclose the computer readable storage medium according to claim 43, Bahrs further discloses wherein said computer readable storage medium is a removable memory card (col. 66, lines 30-33).

Claim 46. Bahrs and Hatanaka disclose the computer readable storage medium according to claim 43, Bahrs further discloses wherein said computer readable storage medium is a magnetic or optical disk (col. 12, lines 61-63).

Claim 61. Bahrs and Hatanaka disclose the computer readable storage medium according to claim 43, Bahrs further discloses wherein said view router is implemented as a library (fig.26b).

Claim 62. Bahrs and Hatanaka disclose the computer readable storage medium according to claim 43, Bahrs further discloses wherein said view router is implemented as an own application (col. 5, lines 14-16).

Response to Arguments

6. Applicant's arguments filed on 10/21/2009 have been fully considered but are moot in view of new ground(s) of rejection.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Kovacs et al. (US 7,305,679 B2) discloses portal using model view controller.
- b. Nock (US 6,335,741 B1) discloses apparatus and method for user indication of model state in a model view controller

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phenuel S. Salomon whose telephone number is (571) 270-1699. The examiner can normally be reached on Mon-Fri 7:00 A.M. to 4:00 P.M. (Alternate Friday Off) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571) 272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3800.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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1/29/2010

/Steven B Theriault/

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Primary Examiner, Art Unit 2179